

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,992,459 B2  
APPLICATION NO. : 09/988439  
DATED : January 31, 2006  
INVENTOR(S) : Akitoshi Kikuchi

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON TITLE PAGE AT (57) ABSTRACT

Line 4, "in" should be deleted;  
Line 5, "synchronous" should read --synchronously--; and  
Line 6, "table" should read --tables--.

COLUMN 1

Line 8, "apparatus" should read --an apparatus--; and  
Line 33, "the tables" should read --tables--.

COLUMN 2

Line 19, "permit of" should read --permit--;  
Line 23, "apparatus" should read --an apparatus--;  
Line 29, "much image data amount" should read --a high amount of image data--;  
Line 32, "apparatus" should read --an apparatus--;  
Line 37, "in synchronous" should read --synchronously--;  
Line 39, "unit in" should read --unit--;  
Line 42, "next" should read --the next--;  
Line 59, "apparatus" should read --an apparatus--; and  
Line 67, "in synchronous" should read --synchronously--.

COLUMN 3

Line 19, "next" should read --the next--;  
Line 38, "case" should read --the case--;  
Line 39, "great" should read --a high--;  
Line 40, "small" should read --a low--;  
Line 40, "case" should read --the case--;  
Line 44, "case" should read --the case--;  
Line 45, "case" should read --the case--;  
Line 48, "apparatus" should read --an apparatus--;  
Line 50, "line unit" should read --a line unit--;  
Line 55, "in synchronous" should read --synchronously--;  
Line 58, "unit it" should read --unit--;  
Line 59, "synchronous" should read --synchronously--; and  
Line 63, "in synchronous" should read --synchronously--.

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COLUMN 4

Line 11, "reading in" should read --reading--;  
Line 12, "synchronous" should read --synchronously--;  
Line 21, "in synchronous" should read --synchronously--;  
Line 32, "great" should read --a high--;  
Line 32, "case" should read --the case--;  
Line 34, "small" should read --a low--;  
Line 34, "case" should read --the case--;  
Line 37, "case" should read --the case--;  
Line 38, "case" should read --the case--;  
Line 40, "apparatus" should read --an apparatus--;  
Line 45, "triggers in" should read --triggers--;  
Line 46, "synchronous with" should read --synchronously with--;  
Line 50, "in synchronous" should read --synchronously--; and  
Line 52, "next" should read --the next--.

COLUMN 5

Line 1, "apparatus" should read --an apparatus--;  
Line 10, "motor in" should read --motor--;  
Line 11, "synchronous with" should read --synchronously with--;  
Line 16, "in synchronous" should read --synchronously--;  
Line 33, "next" should read --the next--;  
Line 52, "case" should read --the case--;  
Line 53, "great" should read --a high--;  
Line 54, "small" should read --a low--;  
Line 54, "case" should read --the case--;  
Line 58, "case" should read --the case--;  
Line 59, "case" should read --the case--;  
Line 65, "predetermined the" should read --predetermined--.

COLUMN 6

Line 1, "means in" should read --means--  
Line 8, "predetermined the" should read --predetermined--;  
Line 11, "in synchronous" should read --synchronously--; and  
Line 26, "tables," should read --tables, and--.

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COLUMN 7

Line 15, "are so" should read --is so--  
Line 21, "image," should read --images--;  
Line 52, "number" should read --numbers--; and  
Line 54, "number" should read --numbers--.

COLUMN 8

Line 21, "highly fineness" should read --high definition--;  
Line 47, "triggers" should read --trigger--;  
Line 48, "16-line image. The" should read --a 16-line image, the--;  
Line 66, "highly" should read --high--; and  
Line 67, "fineness" should read --definition--.

COLUMN 9

Line 18, "great" should read --high--;  
Line 23, "small" should read --low--;  
Line 32, "end" should read --the end--;  
Line 41, "having" should read --has a--;  
Line 41, "small" should read --low--; and  
Line 42, "made" should read --image--.

COLUMN 10

Line 9, "excitating" should read --exciting--; and  
Line 55, "in synchronous" should read --synchronously--.

COLUMN 11

Line 19, "in synchronous" should read --synchronously--;  
Line 29, "comman" should read --command--;  
Line 31, "in synchronous" should read --synchronously--;  
Line 53, "in synchronous" should read --synchronously--;  
Line 57, "outputted in" should read --outputted--; and  
Line 58, "synchronous" should read --synchronously--.

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COLUMN 12

Line 30, "sep data" should read --step data--; and  
Line 56, "S3016," should read --S3016, if--.

COLUMN 13

Line 39, "highly fineness" should read --high definition--;  
Line 40, "great" should read --a high--;  
Line 44, "highly fineness" should read --high definition--;  
Line 45, "small" should read --a low--; and  
Line 47, "great" should read --high--.

COLUMN 14

Line 17, "In the" should read --The--;  
Line 17, "Fig. 8," should read --Fig. 8 shows--;  
Line 23, "up/down the" should read --the up/down--; and  
Line 64, "great" should read --high--.

COLUMN 15

Line 25, "highly fineness" should read --high definition--.

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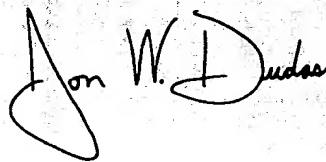
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 18

Line 15, "the number" should read --number--.

Signed and Sealed this

Fifteenth Day of August, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*